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ABSTRACT OF THE DISCLOSURE

Aerodynamic wing to propel a broad range of transport means, principally sail craft. The wing provides a single layer kite structure capable of flying without surface discontinuity, 5 bridles, or rigid or semi-rigid structure. All stresses within the wing are converted into pure tension and transferred through the wing surface outward to attachment lines. The wing shape defines a large diameter self-supporting rolled over leading edge of an airfoil and the wing profile approaching the trailing edge 10 exhibits increasing convexity. The wing is useful to propel, or supplement propulsion to, transportation means.